

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application. Claims 15 and 20 currently amended.

Claim 1 (Previously Presented): A method of registering a user in a wireless access network system, comprising the steps of:

- (a) the user establishing an anonymous communication session with the network via wireless user equipment connected to a computer and a predetermined registration software program for communication with a registration server arrangement using a predetermined temporary ID and a predetermined temporary password;
- (b) the wireless access network system authenticating the predetermined temporary ID and the predetermined temporary password, and in dependence on authentication establishing a point-to-point protocol link between the user and the registration server arrangement;
- (c) the user completing registration with the registration server arrangement using the computer; and
- (d) the registration server arrangement passing to the user a permanent ID and a permanent password for use by the user to subsequently access the network system.

Claim 2 (Previously Presented): The method of claim 1 wherein the user running the predetermined software program on the computer to which the user equipment is connected, and storing the permanent ID and permanent password at the computer.

Claim 3 (Original): The method of claim 2 wherein the software program resides on a portable data carrier which is inserted at least proximal to the computer.

Claim 4 (Previously Presented): The method of claim 1 wherein step (c) comprises the user selecting a service provider and sending information of the service provider selected to the registration server arrangement.

Claim 5 (Previously Presented): The method of claim 4, further comprising the step of the registration server arrangement passing to the user information for registration with the selected service provider.

Claim 6 (Original): The method of claim 1 wherein the system is a cellular wireless Internet access system.

Claim 7 (Previously Presented): The method of claim 1 wherein the registration server arrangement comprises a server operating in RADIUS standard.

Claim 8 (Original): The method of claim 1 wherein the user equipment is portable, wherein the registration may be effected without prior registration formalities.

Claim 9 (Original): The method of claim 1 wherein the system is a UMTS system.

Claim 10 (Previously Presented): A wireless user equipment arrangement for use with a wireless access network system, the arrangement comprising:
wireless user equipment; and
a data carrier holding a registration software program including a predetermined temporary ID and a predetermined temporary password, for running on a computer to register a user with the wireless access network system during an anonymous secure communication session without prior registration formalities.

Claim 11 (Previously Presented): A wireless access network system allowing registration without prior registration formalities, comprising:

a computer system for allowing a user to establish an anonymous communication session with the network via wireless user equipment using a predetermined temporary ID and predetermined temporary password; and

a registration server arrangement for authenticating the predetermined temporary ID and predetermined temporary password, and in dependence on said authentication establishing a point-to-point protocol link between the user and the registration server arrangement for allowing the user to thereby complete registration, and for passing to the user a permanent ID and a permanent password for use by the user to subsequently access the system.

Claim 12 (Previously Presented): The system of claim 11 wherein the registration server arrangement is arranged to receive from the user information relating to selection of a service provider.

Claim 13 (Previously Presented): The system of claim 12, wherein the registration server arrangement is further arranged to pass to the user information for registration with selected service provider.

Claim 14 (Original): The system of claim 11 wherein the system is a cellular wireless Internet access system.

Claim 15 (Currently Amended): The system of claim 11 wherein the registration server arrangement comprises a server operating ~~in the~~ a RADIUS standard.

Claim 16 (Original): The system of claim 11 wherein the system is a UMTS system.

Claim 17 (Previously Presented): A computer program storage device having a computer program stored thereon, the computer program including a

predetermined temporary ID and a predetermined temporary password for registration of a user with a wireless access network, and the computer program comprising:

- establishing an anonymous communication session between the user and the wireless access network via wireless user equipment using the predetermined temporary ID and the predetermined temporary password;
- subsequently establishing a point-to-point protocol link between the user and a registration server arrangement;
- completing registration with the registration server arrangement; and
- receiving from the registration server arrangement a permanent ID and a permanent password to replace the predetermined temporary ID and the predetermined temporary password, such that to allow the user the system using the permanent ID and the permanent password.

Claim 18 (Previously Presented): A method of operating a cellular wireless Internet access system as part of an Internet Network including registration of new wireless Internet access customers/users having personal computers (PCs), where each user utilizes a portable user equipment with a directly attached antenna for communicating in a wireless manner with a integrated network controller, the method comprising the following steps:

the user acquiring said user equipment along with a storage device having predetermined software and data for use in said registration;

connecting said user equipment to said PC and installing the storage device in the PC and allowing said predetermined software to control the PC and its connected user equipment;

commanding the user equipment under the direction of said software in the PC, to communicate in a wireless manner using an anonymous communications session which permits it to communicate only with a predetermined registration web server via authentication of a predefined 'new user' temporary ID and a predefined 'new user' password stored on the storage device;

if properly authenticated, setting up a point-to-point protocol between the PC with its associated user equipment and the registration web server, and then entering personal and financial information and type of service required, and

selecting an Internet Service Provider (ISP) from a web server list of allowable ISPs and downloading, if required, their respective registration software;

if authorized by said web server, giving to the user a permanent user ID and a permanent password and providing said user ID and password to an access operator authentication server as part of the Internet network;

thereafter, allowing wireless Internet connections to said ISP for an Internet session which is authorized using customer information acquired by such registration.

Claim 19 (Previously Presented): A method as in claim 18 where said servers for said wireless Internet access system operate in RADIUS standard, RADIUS being normally used in public switched telephone networks for dial-up Internet access.

Claim 20 (Currently Amended): A method as in claims ~~18 and 19~~ 18 or 19 where portable wireless Internet users can register with a predetermined wireless Internet access operator without having to sign up for service at a retail outlet.